

## Preparation of catalyst systems

## Abstract

5 The present invention relates to a process for preparing a catalyst for olefin polymerization which is obtainable by bringing

A) at least one organic transition metal compound,

10 B) a mixture of at least two different organo metallic compounds and

C) at least one cation-forming compound

into contact with one another, wherein the organic transition metal compound A) is firstly brought  
15 into contact with the mixture of the organo metallic compounds B). In addition, the invention relates to the use of the catalyst for olefin polymerization, to catalysts obtainable by this process and to a process for the polymerization of olefins in which these catalysts are used.

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